

Name \_\_\_\_\_

Class \_\_\_\_\_

Teacher \_\_\_\_\_

Date \_\_\_\_\_

**6.NS.5**

Which integer represents  $49^{\circ}\text{F}$  below zero?

- A 49
- B  $-48$
- C  $-49$
- D 48

Which of the following could be represented by  $-8$ ?

- A a drop of 8 meters
- B 8 T-shirts
- C sea level in 8 places of the world
- D  $8^{\circ}\text{C}$  above zero

**6.NS.6a**

Use the number line below to find the opposite of  $-9$ .



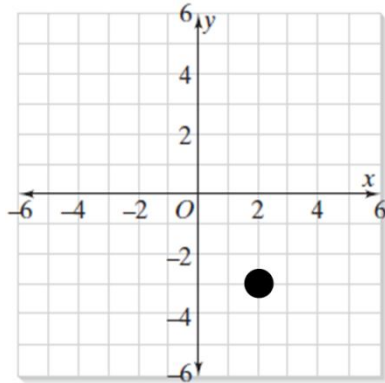
- A 3
- B  $-3$
- C 0
- D 9

What is the opposite of the opposite of  $-7$ ?

- A 7
- B  $-7$
- C 3.5
- D  $-3.5$

**6.NS.6b**

Use the coordinate plane below to answer the following questions.



What are the coordinates for the point plotted?

- A (2,-3)
- B (-3,2)
- C (-2,-3)
- D (-3,-2)

If the point was reflected across the x-axis, what would the coordinates be?

- A (2,3)
- B (-3,-2)
- C (-2,-3)
- D (3,-2)

**6.NS.7b**

Which statement is correct?

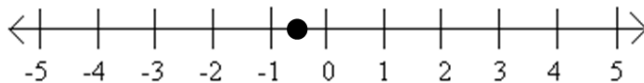
- A  $-33^{\circ}\text{F}$  is colder than  $-33.5^{\circ}\text{F}$
- B  $-33^{\circ}\text{F}$  is warmer than  $-33.5^{\circ}\text{F}$
- C  $-33.5^{\circ}\text{F}$  is warmer than  $-33^{\circ}\text{F}$
- D  $-33.4^{\circ}\text{F}$  is warmer than  $-33^{\circ}\text{F}$

Which list shows the temperatures in order from coldest to warmest?

- A  $-45.5^{\circ}\text{F}$ ,  $-46.5^{\circ}\text{F}$ ,  $-46.8^{\circ}\text{F}$
- B  $-45.5^{\circ}\text{F}$ ,  $-45.4^{\circ}\text{F}$ ,  $-45.6^{\circ}\text{F}$
- C  $-45.5^{\circ}\text{F}$ ,  $-45.6^{\circ}\text{F}$ ,  $-45.7^{\circ}\text{F}$
- D  $-45.5^{\circ}\text{F}$ ,  $-45.4^{\circ}\text{F}$ ,  $-44.1^{\circ}\text{F}$

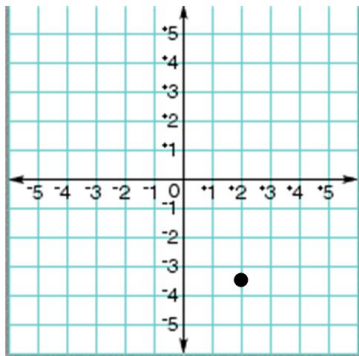
**6.NS.6c**

What rational number is plotted on the line below?



- A 0.5
- B 1.5
- C -0.5
- D -1.5

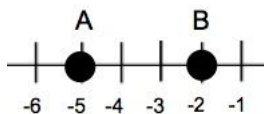
What are the coordinates of the point plotted below?



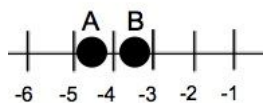
- A  $(-3\frac{1}{2}, 2)$
- B  $(2, -3\frac{1}{2})$
- C  $(2, -4\frac{1}{2})$
- D  $(2, -2\frac{1}{2})$

**6.NS.7a**

Look at the partial number lines shown below and choose the correct statement to describe the relationship of the points plotted.



- A Point A is to the left of point B because  $-5 < -2$
- B Point A is to the left of point B because  $-2 < -5$
- C Point B is to the right of point A because  $-2 < -5$
- D Point B is to the right of point A because  $-5 > -2$



- A Point A is to the left of point B because  $-5.5 < -4.5$
- B Point A is to the left of point B because  $-4.5 < -3.5$
- C Point B is to the right of point A because  $-5.5 > -4.5$
- D Point B is to the right of point A because  $-4.5 > -3.5$

**6.NS.7c**

Which number would be the furthest from 0 on a number line?

- A  $|-28.3|$
- B  $|2.3|$
- C  $|17.3|$
- D  $|-25.3|$

Your bank account has a value of  $-\$26.50$ . How much debt do you have?

- A  $-\$26.50$
- B  $\$26.50$
- C  $\$0.00$

**6.NS.7d**

Muhammad, Chan, and Jose spent too much money on video games! Now they have negative balances in their bank accounts. Their balances are shown below.

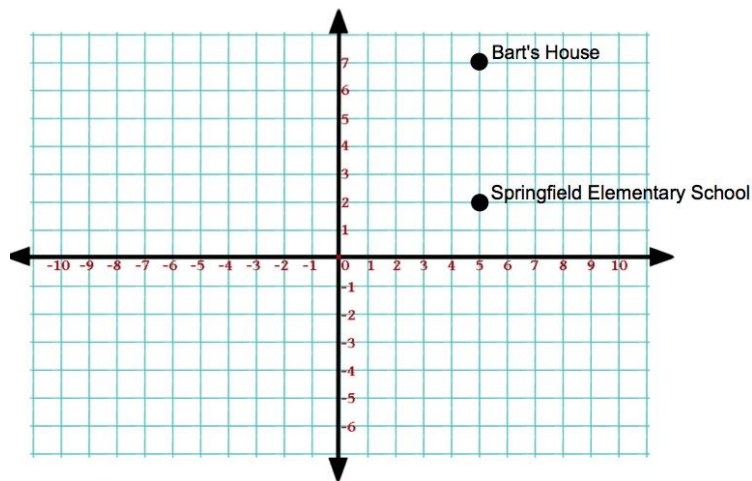
Muhammad has a balance of  $-\$12.26$ .

Chan has a balance of  $-\$12.62$ .

Jose has a balance of  $-\$12.02$ .

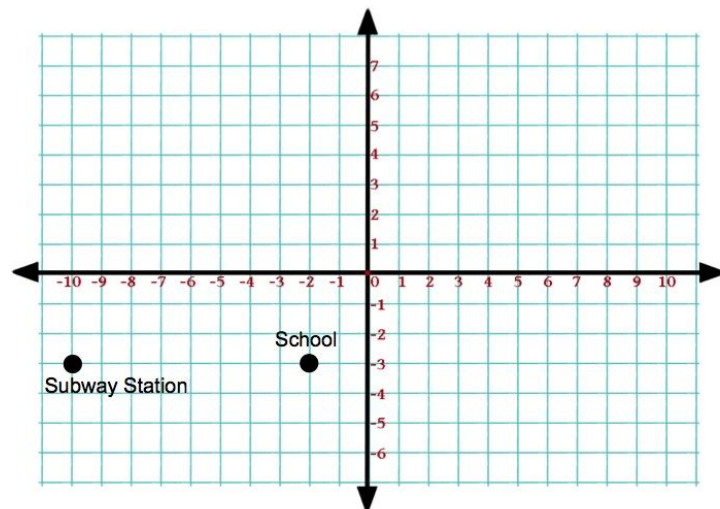
Which list shows their debt in order from greatest to least?

- A Muhammad, Chan, Jose
- B Muhammad, Jose, Chan
- C Chan, Jose, Muhammad
- D Chan, Muhammad, Jose

**6.NS.8**

How many units is Bart's house away from Springfield Elementary School?

- A 7 units on the x-axis
- B 5 units on the y-axis
- C 5 units on the x-axis
- D 7 units on the y-axis



How many units away is the school from the subway station?

- A 10 units on the x-axis
- B 2 units on the y-axis
- C 12 units on the x-axis
- D 8 units on the x-axis